



## Agenda

### MODIS Atmosphere Team Breakout Meetings

U. Maryland Conference Center, College Park, MD  
May 18-19, 2011

### WEDNESDAY, MAY 18

**Lunch/Poster Session:** 12:00-2:00 pm

**Products and Algorithm Development:** 2:00-6:00 pm

**Overview** 2:00-2:20

- Collection 6 (C6) schedule/tracking and testing, web documents, new browse imagery development, etc.: Steve Platnick, Bill Ridgway, Gang Ye, George Britzolakis, Xinmin Hua

**Level-2 Products** 2:20-4:20

*Status of major C6 algorithm efforts and noteworthy C5.1 analysis (e.g., trends, artifacts, caveats, etc.). Nominally ~15-25 min/team. C6 plans from all algorithm teams are posted at [modis-atmos.gsfc.nasa.gov/products\\_C006update.html](http://modis-atmos.gsfc.nasa.gov/products_C006update.html).*

- MOD04 Aerosol “Dark Target”: Lorraine Remer, Rob Levy, Shana Mattoo
- MOD04 Aerosol “Deep Blue”: Christina Hsu, Rick Hansell
- MOD06 Cloud Mask: Steve Ackerman, Rich Frey
- MOD06 Cloud-Top Properties: Steve Ackerman, Rich Frey, Paul Menzel
- MOD06 Cloud Optical Properties: Steve Platnick, Michael King, Gala Wind, et al.
- MOD07 Profiles and Precipitable Water: Paul Menzel, Eva Borbas

**Break** 4:20-4:40

**Level-3 and Joint Level-2 Products** 4:40-5:00

- MOD08, MODATML2, netCDF cloud subsets: Paul Hubanks et al.

## Other Activities

5:00-6:00

- C6 gap-filled surface spectral albedo dataset development: Michael King
- Recent studies on ice particle habits/surfaces and new model development: Bryan Baum, Ping Yang, Andy Heidinger, Bob Holz, et al.

## THURSDAY, MAY 19

### Lunch/Poster Session:

12:00-2:00 pm

### Data Analysis/Validation Investigations:

2:00-5:30 pm

#### Energy Balance

"Using CERES and MODIS Data to Improve Energy Balance Snowmelt Modeling", Rachel Pinker

2:00-2:20

#### Aerosols

"Aerosol effects on organized deep convection", Eric Wilcox

2:20-2:40

#### Clouds & Aerosols

"Aerosol properties near clouds", Sasha Marshak

2:40-3:00

#### Clouds:

"Cloud properties in southern ocean extratropical cyclones", Catherine Naud

3:00-3:20

"Evaluating MOD06 products for studies of trade wind cumulus clouds", Larry Di Girolamo

3:20-3:40

#### **Break**

3:40-4:00

"Retrieval of cloud properties from MODIS infrared channels", Ping Yang

4:00-4:20

"Evaluating MOD06 marine Sc products with LES models", Zhibo Zhang

4:20-4:40

"Optical thickness retrievals of thin cirrus with the 1.38  $\mu\text{m}$  MODIS channel", Kerry Meyer

4:40-5:00

"Global Characteristics of Marine Stratocumulus Clouds and

5:00-5:15

Drizzle", Sandra Yuter

*General discussion: as time and energy permits*

5:15-5:45